

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041724AL\
 Data File : FE047661.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2024 13:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 01:25:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.981	2989426	17.235 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
12) S 1-chlorooctadecane (S...	13.413	2326129	17.295 ug/ml
Spiked Amount 50.000		Recovery =	34.59%
Target Compounds			
1) T n-Nonane (C9)	3.359	2625885	16.784 ug/ml
2) T n-Decane (C10)	4.612	2708814	16.854 ug/ml
3) T A~Naphthalene (C11.7)	6.321	2863192	16.887 ug/ml
4) T n-Dodecane (C12)	6.778	2727605	16.805 ug/ml
5) T A~2-methylnaphthalene...	7.417	2768455	16.858 ug/ml
6) T n-Tetradecane (C14)	8.607	2735039	17.001 ug/ml
7) T n-Hexadecane (C16)	10.215	2847678	17.147 ug/ml
8) T n-Octadecane (C18)	11.659	2893392	17.254 ug/ml
10) T n-Eicosane (C20)	12.968	2800883	17.289 ug/ml
11) T n-Heneicosane (C21)	13.581	2753621	17.354 ug/ml
13) T n-Docosane (C22)	14.165	2781187	17.330 ug/ml
14) T n-Tetracosane (C24)	15.269	2849557	17.263 ug/ml
15) T n-Hexacosane (C26)	16.289	2883886	17.447 ug/ml
16) T n-Octacosane (C28)	17.239	2966800	17.903 ug/ml
17) T n-Tricontane (C30)	18.125	3211012	18.913 ug/ml
18) T n-Dotriacontane (C32)	18.957	3280838	19.675 ug/ml
19) T n-Tetratriacontane (C34)	19.741	3162630	19.719 ug/ml
20) T n-Hexatriacontane (C36)	20.480	3073976	19.273 ug/ml
21) T n-Octatriacontane (C38)	21.224	2992787	18.414 ug/ml
22) T n-Tetracontane (C40)	22.154	2940220	17.958 ug/ml

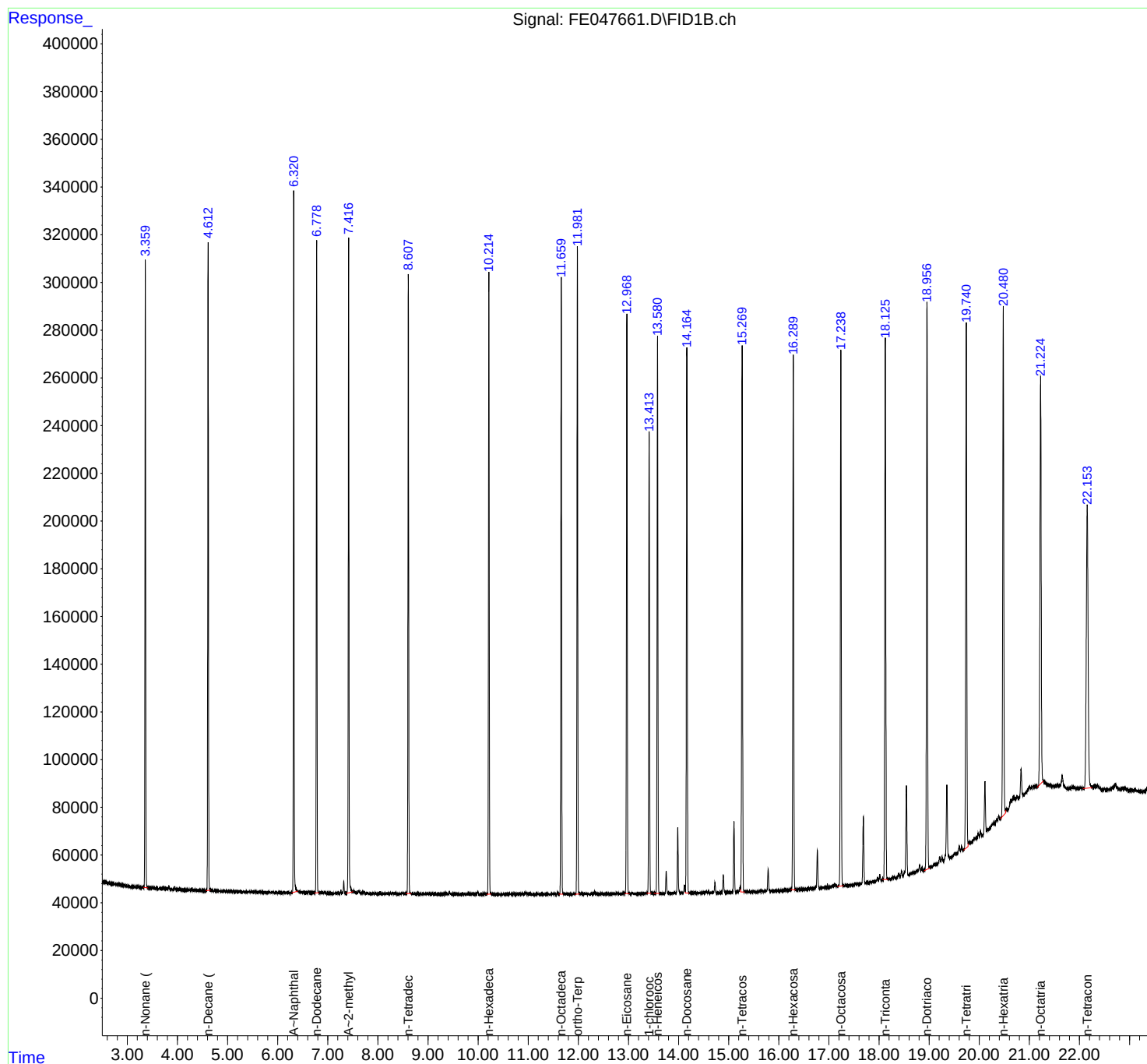
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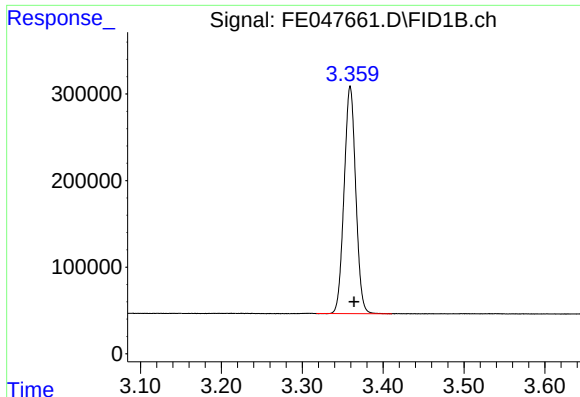
(m)=manual int.

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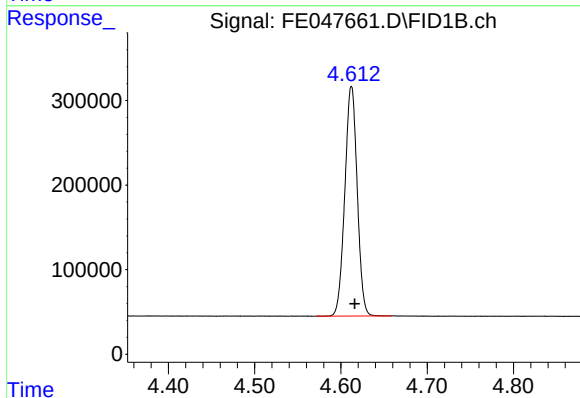
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





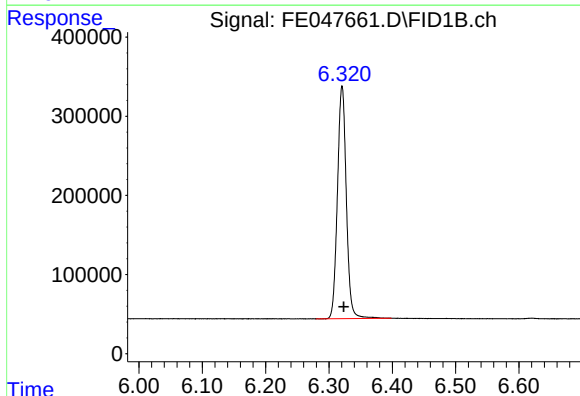
#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: -0.005 min
Response: 2625885
Conc: 16.78 ug/ml



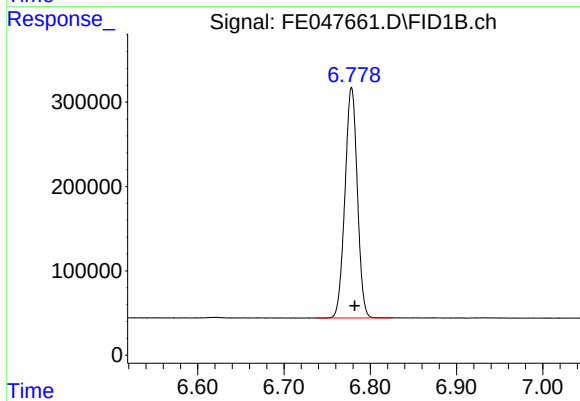
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 2708814
Conc: 16.85 ug/ml



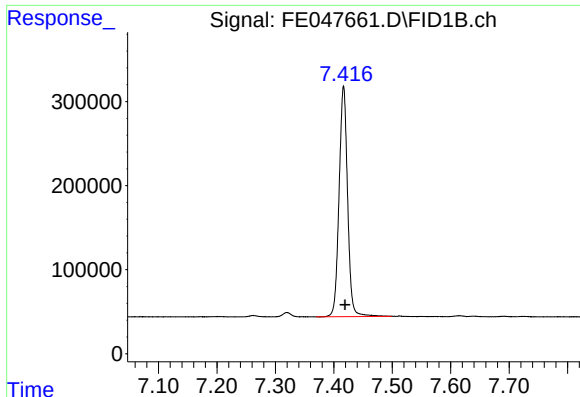
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 2863192
Conc: 16.89 ug/ml



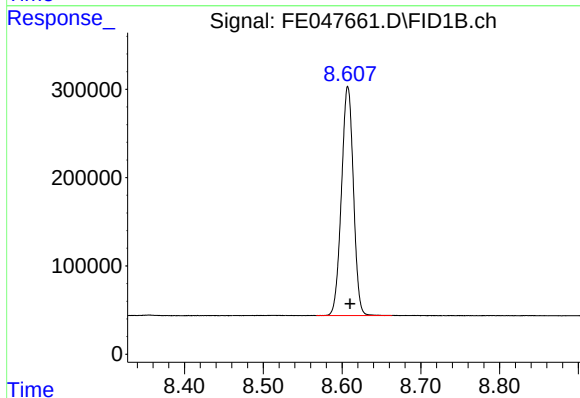
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 2727605
Conc: 16.81 ug/ml



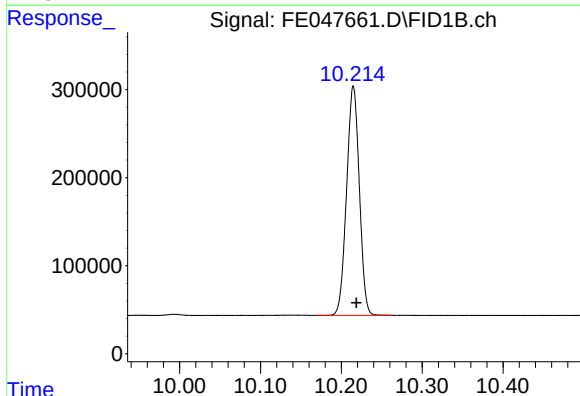
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 2768455
Conc: 16.86 ug/ml



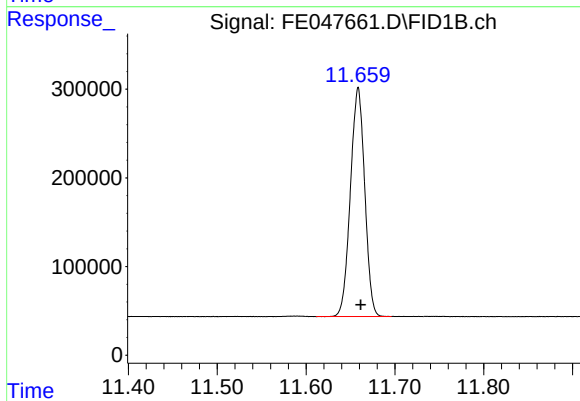
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.003 min
Response: 2735039
Conc: 17.00 ug/ml



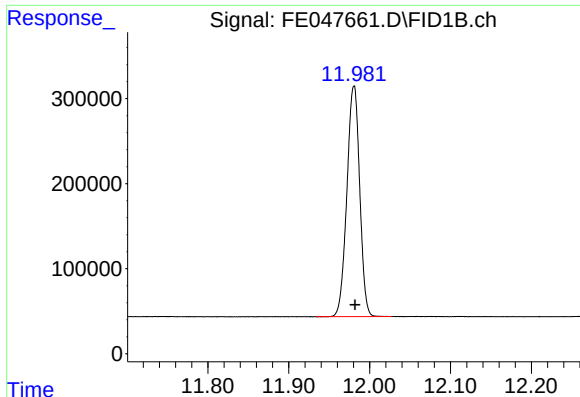
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 2847678
Conc: 17.15 ug/ml



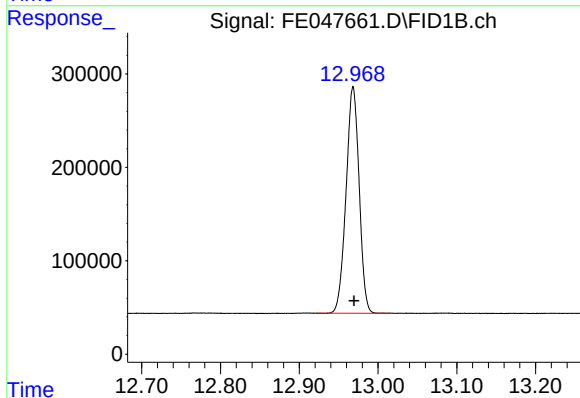
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 2893392
Conc: 17.25 ug/ml



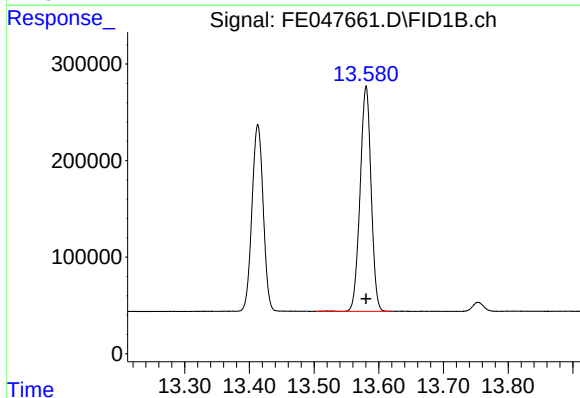
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 2989426
Conc: 17.24 ug/ml



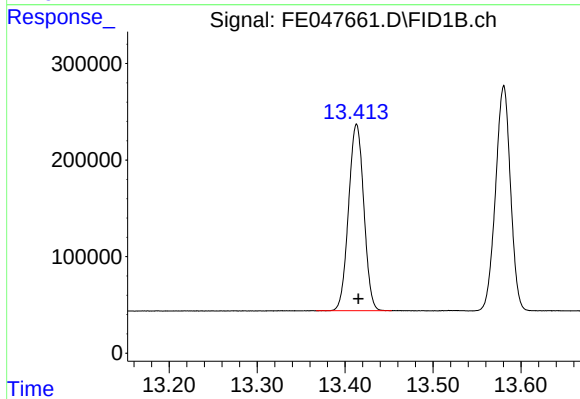
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: -0.001 min
Response: 2800883
Conc: 17.29 ug/ml



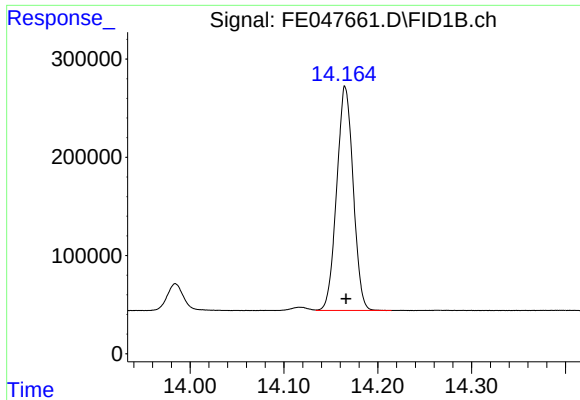
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 2753621
Conc: 17.35 ug/ml



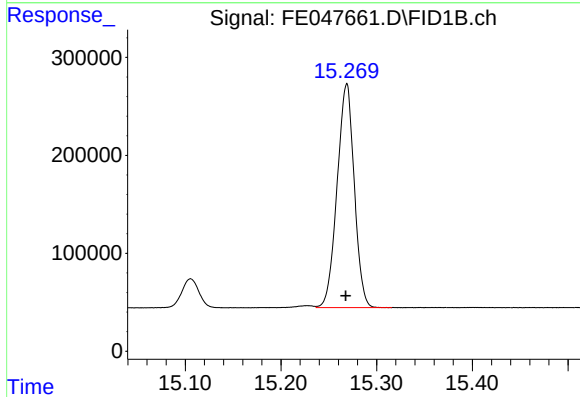
#12 1-chlorooctadecane (SURR)

R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 2326129
Conc: 17.30 ug/ml



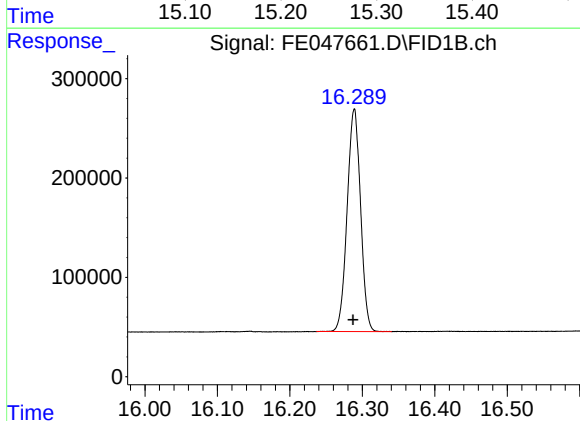
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2781187
Conc: 17.33 ug/ml



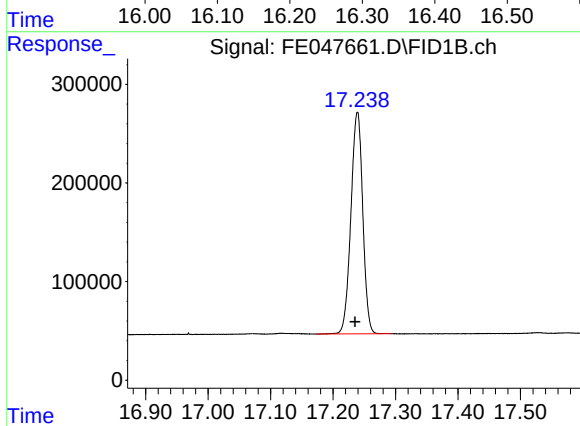
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.001 min
Response: 2849557
Conc: 17.26 ug/ml



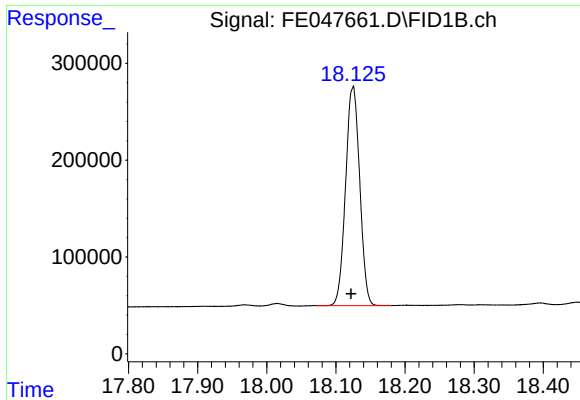
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 2883886
Conc: 17.45 ug/ml



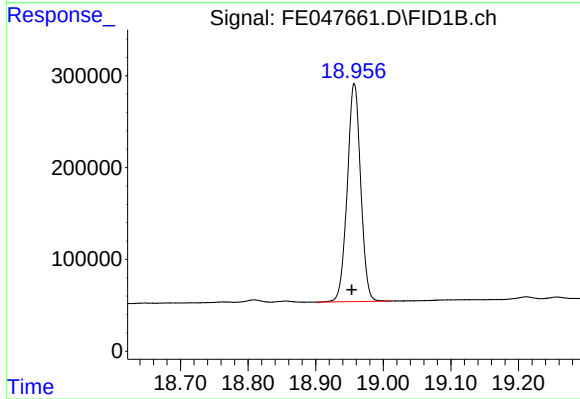
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 2966800
Conc: 17.90 ug/ml



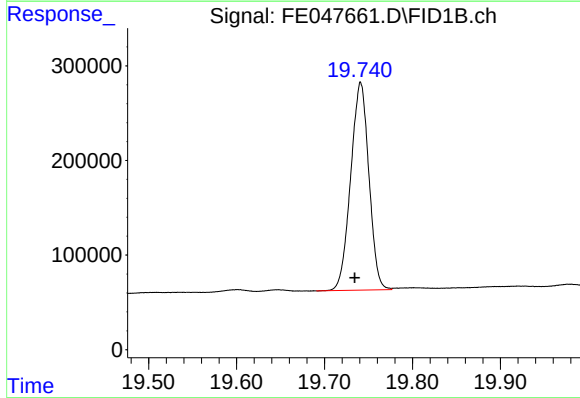
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 3211012
Conc: 18.91 ug/ml



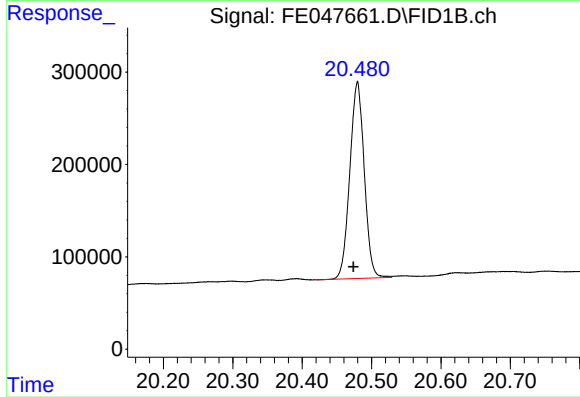
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.004 min
Response: 3280838
Conc: 19.68 ug/ml



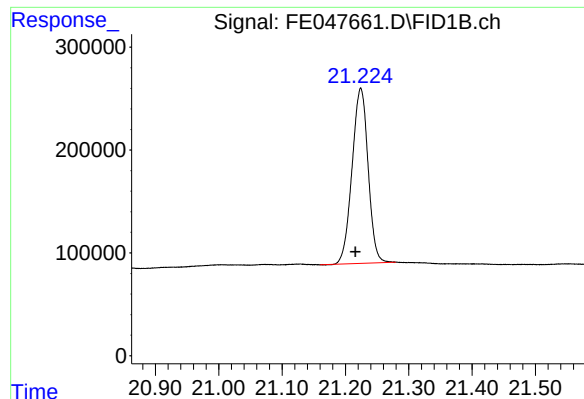
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.007 min
Response: 3162630
Conc: 19.72 ug/ml



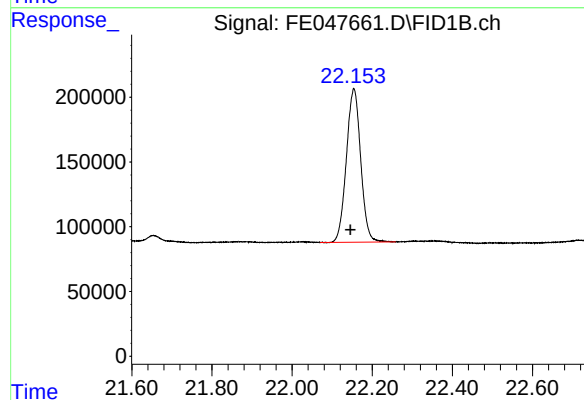
#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 3073976
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.009 min
Response: 2992787
Conc: 18.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.008 min
Response: 2940220
Conc: 17.96 ug/ml